

Appl. No. 10/064,357
Amdt. dated July 20, 2005
Reply to Office action of May 02, 2005

AMENDMENTS TO THE CLAIMS

Claim 1 (previously presented): A wireless pointing
device for a computer, the wireless pointing device
5 capable of being charged by an induction power device,
the induction power device comprising:
a base with a flat-plate; and
a first induction coil installed corresponding to a
position of the flat-plate for transforming an
10 electrical power of a power source to an induction
magnetic field; and
the wireless pointing device comprising:
a housing with a contact plane corresponding to the
flat-plate;
15 a control key installed on the housing for generating
a control signal corresponding to a user's
control;
a signal module electrically connected to the control
key for transmitting the control signal through
20 radio waves;
a second induction coil installed inside the housing
corresponding to a position of the contact plane
for receiving the induction magnetic field
through the contact plane in a magnetic induction
25 manner, an effective cross-sectional area of the
second induction coil being smaller than an
effective cross-sectional area of the first
induction coil;

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a power module electrically connected to the second
induction coil for transforming the induction
magnetic field received by the second induction
coil to a corresponding electrical power; and
5 a storage module for storing the electrical power
generated by the power module so that the storage
module is capable of providing the electrical
power to the wireless pointing device;
wherein when the contact plane of the wireless
10 pointing device is put on the flat-plate of the
induction power device, the second induction coil
of the wireless point device receives the
induction magnetic field generated by the first
induction coil so that the wireless pointing
15 device is capable of being charged by the
induction power device.

Claim 2 (previously presented): The wireless pointing
device of claim 1 wherein a first fixer is installed
20 in the induction power device corresponding to the
position of the flat-plate, and a second fixer is
installed on the contact plane corresponding to the
first fixer, and when the contact plane of the
wireless pointing device is put on the flat-plate
25 of the induction power device, the first fixer brakes
the second fixer so as to fix the position of the
wireless pointing device and make the position of
the first induction coil align with the position of

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the second induction coil.

Claim 3 (original): The wireless pointing device of claim
2 wherein the first fixer is a magnet.

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Claim 4 (original): The wireless pointing device of claim
2 wherein the second fixer is a magnet.

Claim 5 (original): The wireless pointing device of claim
10 1 being a wireless mouse.

Claim 6 (original): The wireless pointing device of claim
1 wherein the computer comprises a receiving module
for receiving the radio control signal transmitted
15 from the wireless pointing device.

Claim 7 (withdrawn): A wireless earphone for a broadcast
system, the broadcast system emitting a radio
broadcast signal, the wireless earphone capable of
20 being charged by an induction power device, the
induction power device comprising:
a base with a flat-plate;
a first induction coil installed corresponding to a
position of the flat-plate for transforming an
25 electrical power of a power source to an induction
magnetic field; and
a first fixer installed inside the base;
the wireless earphone comprising:

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a housing with a contact plane corresponding to the
flat-plate;
a signal module for receiving the radio broadcast
signal of the broadcast system and generating
5 corresponding music signal;
a loudspeaker electrically connected to the signal
module for playing the music signal;
a second induction coil installed inside the housing
corresponding to a position of the contact plane
10 for receiving the induction magnetic field
through the contact plane in a magnetic induction
manner;
a second fixer installed inside the housing for
aligning the first induction coil with the second
15 induction coil;
a power module electrically connected to the second
induction coil for transforming the induction
magnetic field received by the second induction
coil to a corresponding electrical power; and
20 a storage module for storing the electrical power
generated by the power module so that the storage
module is capable of providing the electrical
power to the wireless earphone;
wherein when the contact plane of the wireless
25 earphone is put on the flat-plate of the induction
power device, the second induction coil of the
wireless earphone receives the induction
magnetic field generated by the first induction

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coil so that the wireless earphone is capable of
being charged by the induction power device.

Claim 8 (canceled)

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Claim 9 (withdrawn): The wireless earphone of claim 7
wherein the first fixer is a magnet.

Claim 10 (canceled)

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Claim 11 (withdrawn): The wireless earphone of claim 7
further comprising a microphone for receiving speech
sound of users and generating a corresponding sound
signal.

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Claim 12 (withdrawn): The wireless earphone of claim 11
wherein the signal module is capable of transmitting
the sound signal through radio waves, and the
broadcast system is capable of receiving the radio
sound signal.

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Claim 13 (withdrawn): The wireless earphone of claim 7
being a bluetooth wireless earphone.

25 Claim 14 (currently amended): An electronic device
comprising:
a base with a surface;
an induction coil installed corresponding to a

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position of the surface; ~~and~~
a ~~fixer~~ magnet installed inside the base for aligning
the induction coil of the magnetoelectric device
with an external induction coil[[]] ; and
5 a housing comprising the external induction coil, the
housing having a contact plane corresponding to
the surface.

Claim 15 (canceled)

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Claim 16 (previously presented): The electronic device
of claim 14 further comprising a power source coupled
to the induction coil for supplying the induction
coil with electrical power.

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Claim 17 (previously presented): The electronic device
of claim 14 further comprising:

a power module electrically connected to the
induction coil for transforming an induced
20 magnetic field received by the induction coil to
corresponding electrical power; and
a storage module for storing the electrical power
generated by the power module.

25 Claim 18 (previously presented): The electronic device
of claim 14 further comprising:

a control key installed on the housing for generating
a control signal; and

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a signal module electrically connected to the control
key for transmitting the control signal through
radio waves.

5 Claim 19 (withdrawn): The electronic device of claim 14
further comprising:

a signal module for receiving radio broadcast signals
and generating corresponding audio signals;
a loudspeaker electrically connected to the signal
10 module for playing the audio signals.

Claim 20 (new): The wireless pointing device of claim 1,
wherein the contact plane is substantially smaller
than the extents of the flat plate such that the
15 housing can be moved across the flat plate.

Claim 21 (new): The wireless pointing device of claim 20,
wherein a width of the flat-plane is at least twice
a width of the contact plane.

20 Claim 22 (new): The electronic device of claim 14 further
comprising a magnet installed inside the housing at
a position corresponding to the magnet installed inside
the base.

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